<table>
<thead>
<tr>
<th><strong>Slope Failure and Ecosystems</strong></th>
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<tbody>
<tr>
<td><strong>Content Area(s)/Course:</strong> AP Biology</td>
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<tr>
<td><strong>Lesson Topic:</strong> introduction on how to use Google earth</td>
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<td><strong>Materials for Students:</strong> laptop</td>
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**Standard(s) Addressed:**  
Standard HS-LS2-1 Interdependent relationships in ecosystems  
Science and engineering practice: analyze and interpret data

**Student Outcome(s):**  
I can: use Google Earth to locate specific ecosystems  
I can: see the changes in the ecosystem over time using Google Earth

**Context for Learning**  
- The use of technology (Google Earth) will hopefully show how ecosystems have been altered over time by human encroachment and mismanagement. Students should be able to view satellite images of various ecosystems over a 10-15-year time period.

**Instructional Delivery**  
**Lesson notes:** The process of using Google Earth to pinpoint specific locations is demonstrated  
**Activity:** Using Google earth

**Assessment/Evaluation (Formative/Summative)**  
There will be an informal formative assessment in the form of their worksheet. Gather how they are doing by walking around to each student and observing them work. There will be a formal formative assessment the day after this lesson in the form of a mini quiz (bell ringer) that will allow me to review and check for comprehension before moving on.

**Accommodations:** Walk around and help those students that need more help. Extra time for students that need it on the mini quiz.